

1                    1. (Amended)        A method of performing color correction on at least  
2 one image, said image comprised of a plurality of pixels, said method comprising:  
3                    accepting a first vector input from a first color adjustment pad, said first vector  
4                    input proportionally adjusting a color of pixels of a first selected luminance  
5                    value in said image; and  
6                    adjusting a color of pixels with other luminance values in a manner related to a  
7                    difference between said first selected luminance value and said other  
8                    luminance value.

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1                    2. (Amended)        The method of performing color correction on at  
2 least one image as claimed in claim 1 wherein said first selected luminance value is a  
3 white luminance value.

1                    3. (Amended)        The method of performing color correction on at  
2 least one image as claimed in claim 1 wherein said first selected luminance value is a  
3 black luminance value.

1                    4. (Amended)        The method of performing color correction on at  
2 least one image as claimed in claim 1 wherein said first selected luminance value is a  
3 middle luminance value.

1                    5. (Amended)            The method of performing color correction on at  
2    least one image as claimed in claim 1 wherein said manner related to a difference is  
3    performed using a Bezier curve.

1                    6. (Amended)            A method of performing color correction by  
2    adjusting luminance values of a set of pixels, the method comprising:  
3                    a) receiving a user input for modifying luminance values of pixels of a first  
4                    selected luminance value;  
5                    b) based on the user input, modifying a luminance mapping relationship for  
6                    mapping luminance values; and  
7                    c) using the modified luminance mapping relationship to map original luminance  
8                    values of pixels to adjusted luminance values.

1                    7. (Amended)            The method of claim 6 wherein a look up table  
2    specifies the luminance mapping relationship by identifying an output luminance value  
3    for each of a set of input luminance values, wherein modifying the luminance mapping  
4    relationship comprises modifying a set of output luminance values in the look up table  
5    based on the user input.

1                    8. (Amended)        The method of claim 6 wherein an equation  
2 specifies the luminance mapping relationship, and wherein modifying the luminance  
3 mapping relationship comprises modifying the equation.

1                    9. (Amended)        A method of performing color correction by  
2 adjusting chrominance values of a set of pixels, the method comprising:  
3                    a) receiving a user input for modifying chrominance values of pixels;  
4                    b) based on the user input, modifying a chrominance mapping relationship for  
5                    mapping chrominance values; and  
6                    c) using the modified chrominance mapping relationship to map original  
7                    chrominance values of pixels to adjusted chrominance values.

1                    10. (Amended)       The method of claim 9 wherein a look up table  
2 specifies the chrominance mapping relationship by identifying an output chrominance  
3 value for each of a set of input chrominance values, wherein modifying the chrominance  
4 mapping relationship comprises modifying a set of output chrominance values in the look  
5 up table based on the user input.

1                    11. (Amended)       The method of claim 9 wherein an equation  
2 specifies the mapping relationship, and wherein modifying the mapping relationship  
3 comprises modifying the equation.

Please add the following claims:

1                   12. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 1 wherein said first color adjustment pad comprises a hue and  
3 saturation color wheel.

1                   13. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 1 wherein said manner related to a difference is linearly  
A2 3 proportional to said difference.

1                   14. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 1 wherein said method further comprises:  
3           accepting a second vector input from a second color adjustment pad, said second  
4           vector input proportionally adjusting a color of pixels of a second selected  
5           luminance value in said image; and  
6           adjusting a color of pixels with other luminance values in a manner related to a  
7           difference between said second selected luminance value and said other  
8           luminance value.

1                   15.. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 14 wherein said first selected luminance value is a white  
3 luminance value and said second selected luminance value is a middle luminance value.

1                   16. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 14 wherein said method further comprises:  
3                   accepting a third vector input from a third color adjustment pad, said third vector  
4                   input proportionally adjusting a color of pixels of a third selected luminance  
5                   value in said image; and  
A<sub>2</sub> 6                   adjusting a color of pixels with other luminance values in a manner related to a  
7                   difference between said third selected luminance value and said other  
8                   luminance value.

1                   17.. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 14 wherein said first selected luminance value is a white  
3 luminance value, said second selected luminance value is a middle luminance value, and  
4 said third selected luminance value is a black luminance value.

1                   18.. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 6 wherein said first selected luminance value is a white  
3 luminance value.

1                    19.. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 6 wherein said first selected luminance value is a black  
3 luminance value.

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1                    20.. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 6 wherein said first selected luminance value is a middle  
3 luminance value.

1                    21.. **(Added)** The method of performing color correction on at least one  
2 image as claimed in claim 6 wherein said first selected luminance value is a middle  
3 luminance value.

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